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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT****May 11, 2006**

(use as many sheets as necessary)

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of

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Complete if Known

Application Number	10/687,600
Filing Date	10/20/2003
First Named Inventor	M. MORISHIMA
Art Unit	1745
Examiner Name	Raymond Alejandro
Attorney Docket Number	520.43227X00

U.S. PATENT DOCUMENTS

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)				
		US-				
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FOREIGN PATENT DOCUMENTS

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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation/ Abstract
		Country Code ² -Number ⁴ -Kind Code ³ (if known)				
RA		JP 2004-014322	01/15/2004	H, Kimura, et al.		A
↓		JP 2000-285504	10/13/2000	H. Sato		A
		JP 06-131918	05/13/1994	Y. Sakamoto		A
		JP 2002-056855	02/22/2002	K. Mitsuta, et al.		A
		JP 08-130023	05/21/1996	K. Nishida, et al.		A
		JP 2002-280016	09/27/2002	K-HW. Choi		A
		JP 2002-110215	04/12/2002	H. Suzuki, et al.		A
		WO 00/69011 (Abstract only) *	11/16/2000	M. Stefener, et al.		A
		JP 2002-544650 *	12/24/2002			

NON PATENT LITERATURE DOCUMENTS

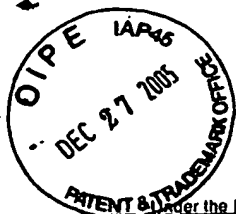
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Examiner Signature	/Raymond Alejandro/	Date Considered	05/17/2006
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		Application Number	10/687,600		
		Filing Date	10/20/2003		
		First Named Inventor	M. Morishima		
		Expected Art Unit	1745		
		Examiner Name	TBD		
Sheet	1	of	1	Attorney Docket Number	520.43227X00

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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
RA		JP 2003-197225	07/11/2003	T. MAEDA, et al.		A
		JP 2004-047397	02/12/2004	T. MAEDA, et al.		A
		WO 01/95406	12/13/2001	S-J. LEE, et al.		
		WO 02/059996	08/01/2002	M. KIDAI, et al.		A

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Examiner Signature	/Raymond Alejandro/	Date Considered	05/17/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT MORISHIMA, et al.	
		FILING DATE October 20, 2003	GROUP

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
	AA					
	AB					
	AC					
	AD					
	AE					
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	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Abstract	
						Yes	No
RA	AM	9-223507	08/26/1997	JP	H01M 8/02	X	
RA	AN	2000-268835	09/29/2000	JP	H01M 8/02	X	
RA	AO	2000-268836	09/29/2000	JP	H01M 8/02	X	
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